

9-25-03

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16468

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/876,252	
	Filing Date	June 7, 2001	
	First Named Inventor	Behan et al.	
	Art Unit	1646	
	Examiner Name	N. Basi	
Total Number of Pages in This Submission	139	Attorney Docket Number	AREN-7.US27.DIV(AREN-0240)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Clean & marked-up sheets for Fig. 1; Request for Deletion of Inventors; Statement to Support; 109 pages of sequence listing; diskette; and postcard receipt

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael A. Patané, PTO Regis. No. 42,982
Signature	<i>Michael A. Patané</i>
Date	September 24, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail, Label No. EV147553614US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Michael A. Patané		
Signature	<i>Michael A. Patané</i>	Date	September 24, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 465.00

Complete if Known

Application Number	09/876,252
Filing Date	June 7, 2001
First Named Inventor	Behan et al.
Examiner Name	N. Basi
Art Unit	1646
Attorney Docket No.	AREN-7.US27.DIV(133091)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit
Account
Number
50-1275

Deposit
Account
Name
Cozen O'Connor

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1001	750	2001	375	Utility filing fee
1002	330	2002	165	Design filing fee
1003	520	2003	260	Plant filing fee
1004	750	2004	375	Reissue filing fee
1005	160	2005	80	Provisional filing fee

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	PAID
82	11		

Extra Claims: 0
Fee from below: 9
Fee Paid: 0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or fee
1052	50	2052	25	Surcharge - late provisional fee or cover sheet.
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1,450	2254	725	Extension for reply within fourth month
1255	1,970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,300	2453	650	Petition to revive - unintentional
1501	1,300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 465.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Michael A. Patané	Registration No. Attorney/Agent)	42,982	Telephone	215.665.6966
Signature				Date	September 24, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AREN-0240 (7.US27.DIV)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Behan et al.**

Group Art Unit: **1646**

Serial No.: **09/876,252**

Examiner: **N. Basi**

Filing Date: **June 7, 2001**

Confirmation No.: **8181**

**For: NON-ENDOGENOUS, CONSTITUTIVELY ACTIVATED HUMAN
G PROTEIN COUPLED-RECEPTORS**

EXPRESS MAIL LABEL NO.: EV147553614US
DATE OF DEPOSIT: September 24, 2003

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REQUEST FOR DELETION OF INVENTORS

PURSUANT TO 37 C.F.R. §1.48(b)

Pursuant to 37 C.F.R. §1.48(b), Applicants respectfully request deletion of the following inventors named in the present non-provisional application:

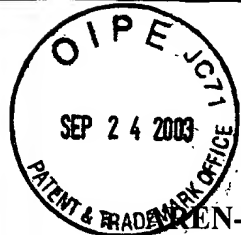
Ruoping Chen	Karin Lehmann-Bruinsma	Carol White
Huong T. Dang	Martin Gore	
I-Lin Lin	Kevin Lowitz	

This request is being made due to cancellation of claims during prosecution so that fewer than all of the currently named inventors are the actual inventors of the invention being claimed in the present non-provisional application.

Respectfully submitted,

Michael A. Patané, Reg. No. 42,982

Date: September 24, 2003
COZEN O'CONNOR, P.C.
1900 MARKET STREET
PHILADELPHIA, PA 19103
Telephone: 215.665.6966
Facsimile: 215.665.2013



COZEN-0240 (7.US27.DIV)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Behan et al.**

Group Art Unit: 1646

Serial No.: **09/876,252**

Examiner: **N. Basi**

Filing Date: **June 7, 2001**

Confirmation No.: **8181**

**For: NON-ENDOGENOUS, CONSTITUTIVELY ACTIVATED HUMAN
G PROTEIN COUPLED-RECEPTORS**

EXPRESS MAIL LABEL NO.: EV147553614US
DATE OF DEPOSIT: September 24, 2003

Commissioner for Patents
P.O. Box 1450
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**STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH
37C.F.R. §§1.821 THROUGH 1.825**

I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that, to the best of the undersigned's knowledge, the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively are the same.

I hereby state that amendments, made in accordance with 37 C.F.R. §1.825(a), included in the substitute sheets(s) of the Sequence Listing are merely to comply with the requirements of 37 C.F.R. §1.823 and are supported in the application, as filed. Specifically, the bibliographic data (i.e., inventors' names and priority document) were listed in the original declaration and cover sheet of the original application. New SEQ ID NOS.147 and 148 are found in Fig. 1. I hereby state that the substitute sheet(s) of the Sequence Listing do not include new matter.

I hereby state that, to the best of the undersigned's knowledge, the substitute copy of the computer readable form, is the same as the paper copy of the substitute Sequence Listing filed herewith.

Respectfully submitted,

Michael A. Patané

Registration No. 42,982

Date: September 24, 2003
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